3rd International Symposium on Resilient Communication Systems

The major purpose of this symposium is to extend and endorse particular concepts that will generate
novel research and codify resilience in next generation communication system designs

Statement of Themes: Many commercial and government applications require reliable and secure communications for effective operations. These communications are often challenged in contested environments — whether from hostile states in an anti-access area denial scenario, degraded infrastructure following a man-made or natural disaster, or finite spectrum pressure that restrict agility. The symposium will highlight how incorporation of resiliency in communications systems can support a wide range of applications given uncertainty in the communication environment.

Submission Schedule
- Paper Submission Due: April 6, 2015
- Notification of Paper Acceptance: June 15, 2015
- Final Paper Submission: July 6, 2015

Cost
- $495
- $445 for registration by July 12, 2015
- $50 discount for IEEE IES members
- $50 discount for HFES members
- Half price registration for registered students

Venue/Accommodations
Hyatt Regency Philadelphia
201 S Columbus Blvd, Philadelphia, PA 19106
Tel: 215.928.1234 • Fax: 215.521.6543
Reservations

Schedule
- Day 1: Special Topics
- Day 2: Paper Sessions
- Day 3: Panel Discussions

General Chairs
- Hossein Mousavinezhad, Idaho State University
  Send Email
- Jie Wu, Temple University
  Send Email

Organizing Chair
- Jodi Grgich, Idaho National Laboratory
  Send Email

Technical Program Chair
- Krishna Kant, Temple University

Call for Papers
Paper submission will be handled through the symposium website listed below.
Please refer to this website for the latest information.
- Full Papers: limited to 6 double column pages in a font no smaller than 10-points per IEEE format guidance.
- Work-in-Progress and Industry practice: limited to 4 double column pages, in a font no smaller than 10-points per IEEE format guidance. Work-in-Progress papers comprise up to 4 double-column pages, describing research that has not yet produced the results required for a regular paper, but that due its novelty and potential impact deserves to be shared with the community at an early stage. Accepted papers and Work-in-Progress papers will be published in the conference proceedings.

Topical Areas (including, but not limited to)
- Architectures: protocols, standards, point-to-point, distributed, networked, wireless, multi-modal, gateways, sensor networks, strategies
- Threats and Failures: jamming, interference, frame/bit errors, data loss, cyber-physical security, human error, malicious attacks, disasters, situational awareness, diagnosis
- Remediation and recovery: intrusion detection systems, intrusion tolerance, resilience metrics, resilience strategies, policy-based management, real-time remediation, machine learning and recovery strategies, future network resilience management architectures and mechanisms.
- Characterization: diversity, security, risk management, reliability, recovery, interoperability, fault tolerance, trust, latency, survivability, quality of service, disruption tolerance, complexity, adaptability laboratory, open air
- Networks and Infrastructure: cellular, VoIP, LTE, MANETS, peer-peer, 911, LMR, optical, SCADA, smart grid, backhaul
- Military applications: anti-access area denial (AA/AD), joint/coalition operations, national security, data links, SATCOM
- Civil applications: emergency and incident response, disaster preparedness, public safety, 911, assured communications, industrial internet

Keynote Speakers
- Wenjing Lou, National Science Foundation

http://resilienceweek2015.inl.gov/CommunicationSystems/

Idaho National Laboratory INL   CAES Center for Advanced Energy Studies   Resilience Week 2015   TEMPLE UNIVERSITY